EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	7125	(controller same (recipe or program)) and semiconductor and (deposition or etch or etching)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 14:43
L2	636	(controller same (recipe or program) same (maintenance or clean or cleaning)) and semiconductor and (deposition or etch or etching)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 14:44
L3	37	(controller same (recipe or program) same (maintenance or clean or cleaning)) and semiconductor and (deposition or etch or etching) and ((transfer or transport) near1 arm)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 14:44
L9	42149	((exchange or exchanging or remove or removing or replace or replacing) same (clean or cleaning)) and (semiconductor or wafer)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 15:13
L10	7466	((exchange or exchanging or remove or removing or replace or replacing) same (clean or cleaning) same (part or shutter or plate or shield)) and (semiconductor or wafer)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 15:13
L11	859	((exchange or exchanging or remove or removing or replace or replacing) same ((clean or cleaning) with chamber) same (part or shutter or plate or shield)) and (semiconductor or wafer) and (deposition or etch or etching)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 15:14

L12	278	((exchange or exchanging or remove or removing or replace or replacing) with ((clean or cleaning) with chamber) with (part or shutter or plate or shield)) and (semiconductor or wafer) and (deposition or etch or etching)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 15:15
L13	18	((exchange or exchanging or remove or removing or replace or replacing) with ((clean or cleaning) with chamber) with (part or shutter or plate or shield) with system) and (semiconductor or wafer) and (deposition or etch or etching)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 15:15
L14	1	("5861086").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/14 15:17
L15	278	((exchange or exchanging or remove or removing or replace or replacing) with ((clean or cleaning) with chamber) with (part or shutter or plate or shield) with chamber) and (semiconductor or wafer) and (deposition or etch or etching)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 15:20
L16	301	((exchange or exchanging or remove or removing or replace or replacing) with ((clean or cleaning or maintenance) with chamber) with (part or shutter or plate or shield) with chamber) and (semiconductor or wafer) and (deposition or etch or etching)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 15:20
L17	141	((exchange or exchanging or remove or removing or replace or replacing) with ((clean or cleaning or maintenance) with chamber) with (part or shutter or plate or shield) with chamber) and (semiconductor or wafer) and (deposition or etch or etching)	USPAT	ADJ	ON	2008/08/14 15:21

L18	53635	((exchange or exchanging or remove or removing or replace or replacing) with ((clean or cleaning) with chamber) with (part or shutter or plate or shield) with chamber) and (semiconductor or wafer) and (deposition or etch or etching) and "204".clas. or "118".clas.	US-PGPUB; USPAT	ADJ	ON	2008/08/14 16:04
L19	105	((exchange or exchanging or remove or removing or replace or replacing) with ((clean or cleaning) with chamber) with (part or shutter or plate or shield) with chamber) and (semiconductor or wafer) and (deposition or etch or etching) and ("204".clas. or "118".clas.)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 16:04
L20	1585	((clean or cleaning) near1 chamber) and ("204".clas. or "118".clas.)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 16:33
L21	1142	((clean or cleaning) near1 chamber) and ("204".clas. or "118".clas.) and (valve or gate or isolation)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 16:33
L22	28	((clean or cleaning) near1 chamber) and ("204".clas. or "118".clas.) and (valve or gate or isolation) and (maintenance near1 system)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 16:34
L23	1229	((clean or cleaning or maintenance) near1 chamber) and ("204".clas. or "118".clas.) and (valve or gate or isolation)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 16:38
L24	147	((maintenance) near1 chamber) and ("204".clas. or "118".clas.) and (valve or gate or isolation)	US-PGPUB; USPAT	ADJ	ON	2008/08/14 16:39
S1	1	("5620578").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/06 18:03
S2	2	(("6500742") or ("5620578")).PN.	US-PGPUB; USPAT	OR	OFF	2007/08/06 18:25
S3	4	ep-511733-$.did. or ep-824266-$.did.	EPO; JPO; DERWENT	ADJ	ON	2007/08/06 18:25
S4	8	("5620578").URPN.	USPAT	ADJ	ON	2007/08/07 09:59

S5	10	("3314395" | "3516386" | "4909695" | "5065698" | "5076205" | "5244554" | "5364219" | "5429729").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 10:17
S6	280	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 11:02
S7	74	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and ("204".clas. or "118".clas. or "427".clas. or "414".clas.)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 10:36
S8	201	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and (replace or remove)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/07 10:54
S9	0	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and (replac or remov) control and (robot or automated or automatically)	US-PGPUB; USPAT	ADJ	ON	2007/08/07 10:55
S10	0	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and (replac or remov) and control and (robot or automated or automatically)	US-PGPUB; USPAT	ADJ	ON	2007/08/07 10:55
S11	0	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and (replac or remov) and control	US-PGPUB; USPAT	ADJ	ON	2007/08/07 10:55
S12	195	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and (replace or remove) and control	US-PGPUB; USPAT	ADJ	ON	2007/08/07 11:01

S13	57	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and (replace or remove) and control and (robot or automated or automatically)	US-PGPUB; USPAT	ADJ	ON	2007/08/07 10:56
S14	69	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and (replac$ or remov$) and control and (robot or automated or automatically)	US-PGPUB; USPAT	ADJ	ON	2007/08/07 10:56
S15	0	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop)) and (replace or remove) and control	EPO; JPO; DERWENT	ADJ	ON	2007/08/07 11:02
S16	3	((transfer or exchange) near5 (system or process or method)) and ((sputter or focus) adj (ring or circle or hoop))	EPO; JPO; DERWENT	ADJ	ON	2007/08/07 11:06
S17	2139	((transfer or exchange) near5 (system or process or method)) and ((module or part or component) with (replac$ or remov$))	EPO; JPO; DERWENT	ADJ	ON	2007/08/07 11:07
S18	72107	((transfer or exchange) near5 (system or process or method)) and ((module or part or component) with (replac$ or remov$))	US-PGPUB; USPAT	ADJ	ON	2007/08/07 11:07
S19	3238	((transfer or exchange) near5 (system or process or method)) and ((module or part or component) with (replac$ or remov$)) and ("204".clas. or "118".clas. or "427".clas. or "414".clas.)	US-PGPUB; USPAT	ADJ	ON	2007/08/07 11:08

S20	487	((transfer or exchange) near5 (system or process or method)) and ((module or part or component) with (replac$ or remov$)) and ("204".clas. or "118". clas. or "427".clas. or "414".clas.) and process and vacuum and maintenance	US-PGPUB; USPAT	ADJ	ON	2007/08/07 11:21
S21	463	((transfer or exchange) near5 (system or process or method)) and ((module or part or component) with (replac$ or remov$)) and ("204".clas. or "118". clas. or "427".clas. or "414".clas.) and process and vacuum and maintenance and control	US-PGPUB; USPAT	ADJ	ON	2007/08/07 11:23
S22	150	((transfer or exchange) near5 (system or process or method)) and ((module or part or component) with (replac$ or remov$)) and ("204".clas. or "118". clas. or "427".clas. or "414".clas.) and process and vacuum and maintenance and control and ((slot or gate) near5 valve)	US-PGPUB; USPAT	ADJ	ON	2007/08/07 11:50
S23	100	((("4851995") or ("5237529") or ("5491338") or ("5592413") or ("5954803") or ("4471425") or ("4954945") or ("5007981") or ("5200017") or ("5467436") or ("5729623") or ("5974233") or ("6100999") or ("6232248") or ("4244288") or ("4353975") or ("4361392") or ("4398245") or ("4400778") or ("4445176") or ("4453215") or ("4483916") or ("4483124") or ("4491916") or	US-PGPUB; USPAT	OR	OFF	2007/08/07 11:50

("4500750") or
("4597084") or
("4630105") or
("4757442") or
("4806210") or
("4813001") or
("4847110") or
("4878173") or
("4958057") or
("4967340") or
("4984002") or
("5026590") or
("5210751") or
("5235685") or
("5274508") or
("5278478") or
("5333037") or
("5334439") or
("5410542") or
("5414740") or
("5467454") or
("5563745") or
("5640598") or
("5646521") or
("5673077") or
("5721884") or
("5730574") or
("5748124") or
("5781908") or
("5835691") or
("5858604") or
("5894569") or
("5920498") or
("5923901") or
("5956503") or
("5971638") or
("5978609") or
("6026267") or
("6048154") or
("6092981") or
("6097846") or
("6139641") or
("6193459") or
("6201552") or
("6228773") or
("6240438") or
("4252598") or
("4262101") or
("4264930") or
("4264808") or
("4272181") or
("4277836") or
("4289840") or
("4295204") or
("4294906") or
("4296069") or
("4297429") or
("4299476") or

		("4303459") or ("4307149") or ("4310327") or ("4314328") or ("4317313") or ("4318660") or ("4319827") or ("4320187") or ("4320505") or ("4321239") or ("4321486") or ("4322752") or ("4327127") or ("4337403") or ("4341858") or ("4355090") or ("4357407") or ("4358523")).PN.				
S24	1	("3340146").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/07 13:58
S25	0	("2002/0132380").URPN.	USPAT	ADJ	ON	2007/08/07 15:04
S26	1	("6095741").PN.	US-PGPUB; USPAT	OR	OFF	2007/08/08 11:21
S27	42	("0666123" | "0777450" | "0966986" | "0980004" | "1021710" | "1396316" | "1814927" | "2376875" | "2388917" | "2656885" | "2667342" | "3260381" | "3340146" | "3418213" | "3471373" | "3489298" | "3700132" | "3772519" | "3847616" | "3913756" | "4553069" | "4577112" | "4637342" | "4699555" | "4722654" | "4824309"). PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/08/08 14:36
S28	249	((annular or cylindrical) ring) and "204".clas. and ((wafer or substrate) with (holder or support or pedestal))	US-PGPUB; USPAT	ADJ	ON	2007/08/09 15:27
S29	15	((annular or cylindrical) ring) and "204".clas. and ((wafer or substrate) with (holder or support or pedestal)) and (lift pins)	US-PGPUB; USPAT	ADJ	ON	2007/08/09 15:28

S30	42	("0666123" | "0777450" | "0966986" | "0980004" | "1021710" | "1396316" | "1814927" | "2376875" | "2388917" | "2656885" | "2667342" | "3260381" | "3340146" | "3418213" | "3471373" | "3489298" | "3700132" | "3772519" | "3847616" | "3913756" | "4553069" | "4577112" | "4637342" | "4699555" | "4722654" | "4824309").PN. OR ("5085410").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/02/04 12:08
S31	1	1992-367565.NRAN.	DERWENT	ADJ	ON	2008/02/04 20:08
S32	503	wafer transfer arm	US-PGPUB; USPAT	ADJ	ON	2008/02/04 21:13
S33	89512	maintenance and module	US-PGPUB; USPAT	ADJ	ON	2008/02/04 21:13
S34	4342796	maintenanc$ or repair$ or fix$ or replac$ or remov$	US-PGPUB; USPAT	ADJ	ON	2008/02/04 21:15
S35	471	S32 and S34	US-PGPUB; USPAT	ADJ	ON	2008/02/04 21:15
S36	607	(wafer near transfer near arm) and S34	US-PGPUB; USPAT	ADJ	ON	2008/02/04 21:16
S37	463	(wafer near transfer near arm) and S34 and (module or chamber)	US-PGPUB; USPAT	ADJ	ON	2008/02/04 21:16
S38	353	S32 and S34 and (module or chamber)	US-PGPUB; USPAT	ADJ	ON	2008/02/04 21:17
S39	347	S32 and S34 and (module or chamber) and semiconductor	US-PGPUB; USPAT	ADJ	ON	2008/02/04 21:18
S40	1	("5223112").PN.	US-PGPUB; USPAT	OR	OFF	2008/02/19 09:39
S41	1	("5223112").PN.	US-PGPUB; USPAT	OR	OFF	2008/08/13 10:35
S42	213	"118".clas. and 204/298.11.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/13 11:57
S43	54072	"118".clas. or 204/298.11.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/08/13 11:57

8/14/2008 6:19:52 PM
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